ABSTRACT

~~A method and apparatus are disclosed which~~ An adaptive error recovery routine

allows for the recovery from errors in read data of a disk drive ~~to be recovered in an~~

~~adaptive error recovery routine~~. In one embodiment, a disk drive is provided which has

5   an error memory ~~which has~~ having error memory elements. ~~Each memory element is~~

used to record an error type and recovery step for each error recovered from the disk

drive. If another error is detected that is of the same type and which is in a location close

to a recorded error, the error recovery step used for the previous error is ~~attempted~~

performed for the new error. If the previous error recovery step is not successful, the disk

10   drive ~~continues to attempt to recover the error~~ performs error recovery using an existing

error recovery table, and omits the previous error recovery step ~~which was originally tried~~

~~when going through the error recovery table. In one embodiment, the error recovery~~

~~table is reordered such that the disk drive attempts an error recovery which is believed~~

~~most likely to recover an error before trying other error recovery steps contained in the~~

15   ~~error recovery table.~~

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